~~CONFIDENTIAL~~

22 January 1969

MEMORANDUM FOR THE RECORD

SUBJECT: Meeting of the Automap Data Bank Study
Group - 22 January 1969

1. The second session of the Study Group took place on 22 January 1969 with the same audience that attended the first meeting. The subjects considered were planned developments and retrieval.

2. Planned development in cartographic automation is divided into two stages. The first stage involves the use of a remote terminal connected to the time sharing computer. Advantages include immediate feedback on inputs, reduced input and operation time, and operating experience in a remote environment. Required would be the conversion of CAM, optimizing the small-scale map, and initial retrieval techniques for the page-size data bank. Discussion centered on the servicing of plot tapes and queuing problems. The next stage would be the development of CRT capability. First the remote input techniques would be converted to the CRT so each plot file could be visually inspected on the console screen. Subsequently, operations such as scaling, framing, deletion or addition, line and symbol alterations, area delineation and identification, and typography would be explored. Capturing the display image is another fertile field for investigation.

3. The retrieval topic was introduced by a panel of three CD/BGI branch chiefs discussing the initial processes in map design. ███ 25X1A9a

25X1A9a ███ dealt with the steps encountered in a projection type map. Purpose, frame, scale, map elements, and plate separation were covered.

25X1A9a ███ related the steps critical to base mapping such as the map elements and research required. The complexities of plate separation

25X1A9a were emphasized. ███introduced the factor of time available. This constraint was related to current intelligence requirements for thematic maps.

4. The next meeting will be in Room 1E-80 at 0900, Wednesday, 29 January. Background discussions will cover our retrieval experience with ███ and data organization and storage.

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